

Clinical Trial Protocol

Iranian Registry of Clinical Trials

26 Jun 2026

The effect of educational intervention based on Health Belief Model in creating AIDS prevention behaviors in female high school students

Protocol summary

Summary

1-Objectives: The aim of the study is to evaluate the effect of educational intervention based on Health Belief Model in creating AIDS prevention behaviors in female high school students. 2-Design: This experimental and single-blinded study will be done on 64 female students on the third year in Aq-Qala high school. 3-Setting and conduct: Two high schools will be selected from rural and two high schools will be selected from urban and will be divided into experimental and control group through simple random sampling. Two classes from each school will be selected randomly, so that 32 and 32 students will be considered as experimental and control group respectively. 4-Participants including major eligibility criteria: Criteria are studying at the third year in high school. 5-Intervention: The intervention in experimental high school consisted of holding the 1 training session for two hours by Public health expert. 6- Main outcome measures: After 4 weeks, information's students will be compared with before the intervention in Knowledge, perceived susceptibility, perceived severity, perceived benefits and perceived barriers scopes, by using a reliable and valid questionnaire that was developed based on Health belief model.

General information

Acronym

IRCT registration information

IRCT registration number: **IRCT2015031718704N2**
Registration date: **2015-10-18, 1394/07/26**
Registration timing: **retrospective**

Last update:

Update count: **0**

Registration date

2015-10-18, 1394/07/26

Registrant information

Name

Narges Rafiei

Name of organization / entity

Golestan University of Medical Sciences, Aq-Qala Health Center

Country

Iran (Islamic Republic of)

Phone

+98 17 3452 5915

Email address

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Recruitment status

Recruitment complete

Funding source

Vice chancellor for research, Golestan University of Medical Sciences

Expected recruitment start date

2015-04-04, 1394/01/15

Expected recruitment end date

2015-06-05, 1394/03/15

Actual recruitment start date

empty

Actual recruitment end date

empty

Trial completion date

empty

Scientific title

The effect of educational intervention based on Health Belief Model in creating AIDS prevention behaviors in female high school students

Public title

The effect of education in creating AIDS prevention behaviors

Purpose

Prevention

Inclusion/Exclusion criteria

Inclusion Criteria: Studying at the third year in high

school Exclusion criteria: Unwillingness to participate in the study

Age

From **15 years** old to **19 years** old

Gender

Female

Phase

1

Groups that have been masked

No information

Sample size

Target sample size: **64**

Randomization (investigator's opinion)

Randomized

Randomization description

Blinding (investigator's opinion)

Single blinded

Blinding description

Placebo

Not used

Assignment

Parallel

Other design features

Randomization will be done based on envelopes closed

Secondary Ids

empty

Ethics committees

1

Ethics committee

Name of ethics committee

Ethics Committee, Golestan University of Medical Sciences

Street address

No 1, Shastkola St, Hirkan Blv, Gorgan

City

Gorgan

Postal code

4934174515

Approval date

2010-09-23, 1389/07/01

Ethics committee reference number

910510140

Health conditions studied

1

Description of health condition studied

AIDS

ICD-10 code

B 24

ICD-10 code description

Acquired immunodeficiency syndrome [AIDS] NOS AIDS-related complex [ARC] NOS

Primary outcomes

1

Description

Knowledge

Timepoint

Before the experiment, 1months after the intervention.

Method of measurement

Health belief model Questionnaire

2

Description

Perceived susceptibility

Timepoint

Before the experiment, 1months after the intervention.

Method of measurement

Health belief model Questionnaire

3

Description

Perceived severity

Timepoint

Before the experiment, 1months after the intervention

Method of measurement

Health belief model Questionnaire

4

Description

Perceived benefits

Timepoint

Before the experiment, 1months after the intervention

Method of measurement

Health belief model Questionnaire

5

Description

Perceived barriers

Timepoint

Before the experiment, 1months after the intervention

Method of measurement

Health belief model Questionnaire

Secondary outcomes

empty

Intervention groups

1

Description

Intervention group: Holding the 1 training session for two hours by Public health expert

Category

Prevention

2

Description

Control group: No action

Category

Prevention

Recruitment centers

1

Recruitment center

Name of recruitment center

Golestan University of Medical Sciences Aghala Health Center

Full name of responsible person

Narges Rafiei

Street address

No 25, Emam Khomeyni Ave, Aq-Qala

City

Aq-Qala

Sponsors / Funding sources

1

Sponsor

Name of organization / entity

Vice chancellor for research, Golestan University of Medical Sciences

Full name of responsible person

Masood Khoshnia

Street address

No 1, Shastkola St, Hirkan Blv, Gorgan

City

Gorgan Golestan

Grant name

Grant code / Reference number

Is the source of funding the same sponsor organization/entity?

Yes

Title of funding source

Vice chancellor for research, Golestan University of Medical Sciences

Proportion provided by this source

100

Public or private sector

empty

Domestic or foreign origin

empty

Category of foreign source of funding

empty

Country of origin

Type of organization providing the funding

empty

Person responsible for general inquiries

Contact

Name of organization / entity

Aq-Qala Health Center

Full name of responsible person

Narges Rafiei

Position

Responsible for Research

Other areas of specialty/work

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Name of organization / entity

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Ph.D student in Health Services Management

Other areas of specialty/work

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Position

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Web page address

http://www.goums.ac.ir/index.php?slc_lang=fa&sid=35

Sharing plan

Deidentified Individual Participant Data Set (IPD)

empty

Study Protocol

empty

Statistical Analysis Plan

empty

Informed Consent Form

empty

Clinical Study Report

empty

Analytic Code

empty

Data Dictionary

empty